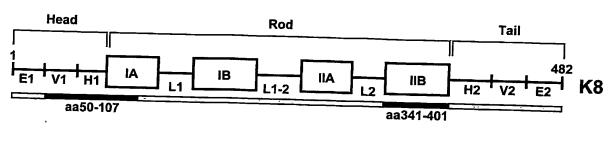
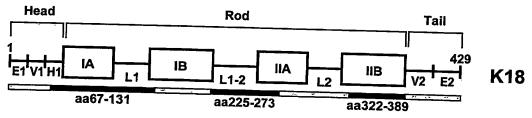
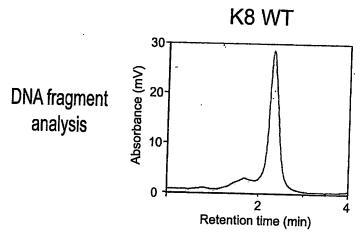
Figure 1

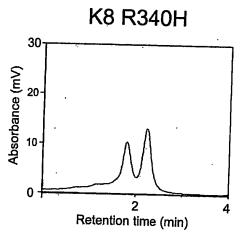
A.

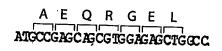






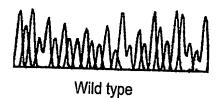








DNA sequence

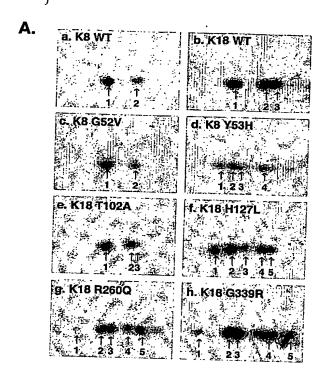


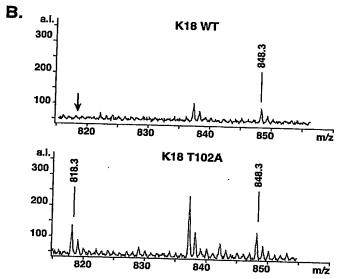


Heterozygous mutant

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Figure 2





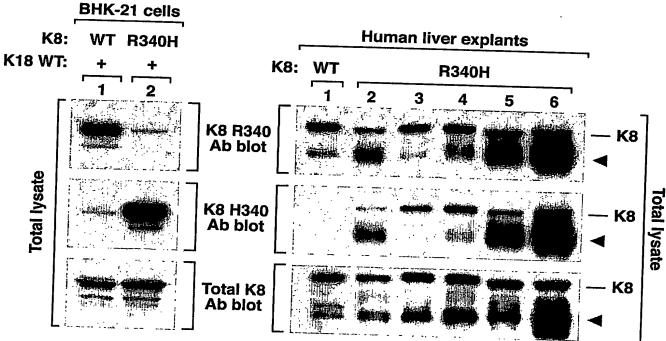
WO 2004/091526 PCT/US2004/011533

Figure 3

Α.

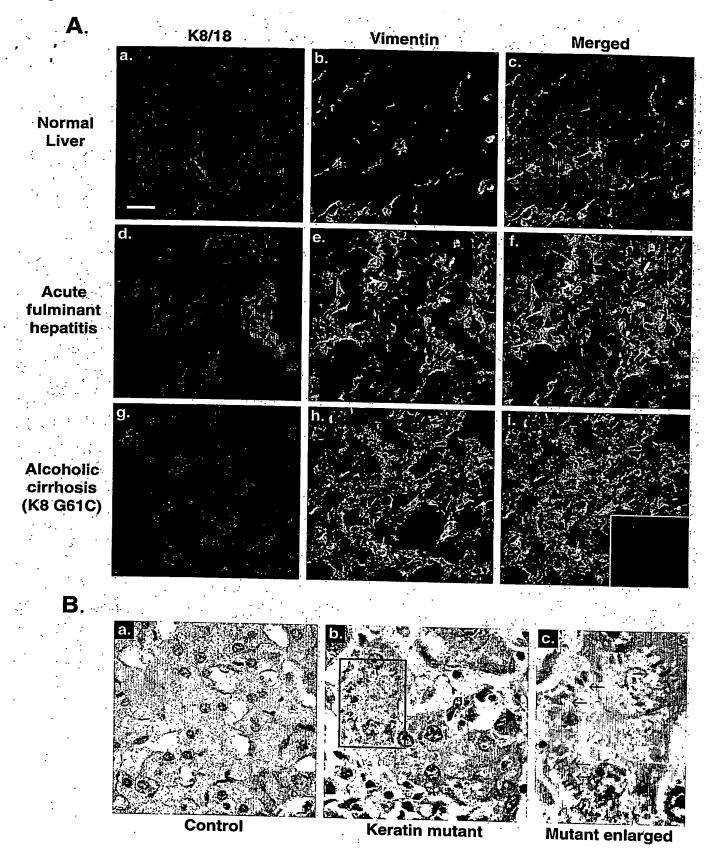
Keratin	H													
K8	1	Α	D	Α	F	\circ	R	G		L	Λ		1/	_
K1	•	S	•	•	•	•		•	•	N	A		K	ט
K2e	•	•	•	•	•	•				Н		L	•	•
K2p	•	•	Ε	•	•	•	•	•	•	М		<u>. </u>	•	•
K3	•		Q	•	•	•	Н	•	•	_	•	Ī		
K4	V	•	•	•	•	•	•	•	•	N	•	L		
K5	•	•	•	•	•	• .	•	•	•	•	•	L		
K6a-c, e, f	•	•	•	•	•	• *	i j• ii	•	•	M	•	L	•	
K7	•	•	•	•	•	•	•	•	•	•	•	•	•	•

В. С.

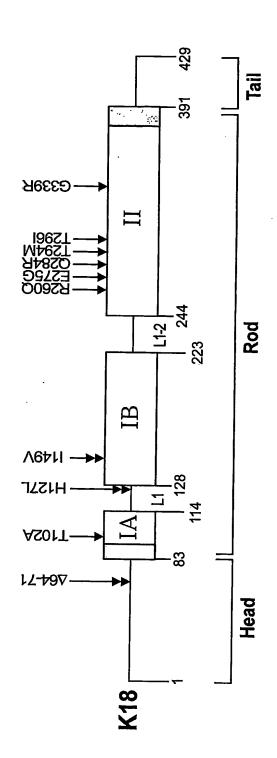


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Figure 4



482 -1-465(I)RDT(468) -K423C Tail C4332 402 1L12| 253 Rod IB 88 Head Figure 5 **8**



Predisposition to liver injury Return to basal state (no injury) Unstable filaments Abnormal filament Normal filament reorganization reorganization MASINS Nonphysiologic e.g. hormone **Physiologic Stimulus** e.g. toxins, stimulus) Figure 6